

Appendix table 5-4

Federal obligations for academic R&D, by character of work: 2007–09

Year and character of work	All agencies	DOD	DOE	NASA	NIH	NSF	USDA
Current \$millions							
2007							
All R&D	25,548	2,615	765	553	16,569	3,266	723
Basic	14,220	811	576	180	9,202	3,025	304
Applied	9,747	704	143	104	7,367	241	402
Development	1,581	1,099	46	269	0	0	16
2008							
All R&D	26,027	2,363	817	1,152	16,569	3,379	708
Basic	14,646	895	626	352	9,279	3,089	257
Applied	9,678	691	130	80	7,290	290	433
Development	1,703	777	61	720	0	0	17
2009							
All R&D ^a	31,563	2,426	1,332	730	20,175	5,094	715
Basic	18,233	990	1,044	327	10,692	4,748	267
Applied	11,940	661	162	91	9,482	346	430
Development	1,390	775	126	312	1	0	18
Percent distribution							
2007							
All R&D	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Basic	55.7	31.0	75.3	32.5	55.5	92.6	42.0
Applied	38.2	26.9	18.7	18.8	44.5	7.4	55.6
Development	6.2	42.0	6.0	48.6	0.0	0.0	2.2
2008							
All R&D	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Basic	56.3	37.9	76.6	30.6	56.0	91.4	36.3
Applied	37.2	29.2	15.9	6.9	44.0	8.6	61.2
Development	6.5	32.9	7.5	62.5	0.0	0.0	2.4
2009							
All R&D ^a	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Basic	57.8	40.8	78.4	44.8	53.0	93.2	37.3
Applied	37.8	27.2	12.2	12.5	47.0	6.8	60.1
Development	4.4	31.9	9.5	42.7	0.0	0.0	2.5

DOD = Department of Defense; DOE = Department of Energy; NASA = National Aeronautics and Space Administration; NIH = National Institutes of Health; NSF = National Science Foundation; USDA = U.S. Department of Agriculture.

^aData for 2009 include obligations from the additional federal R&D funding appropriated by the American Recovery and Reinvestment Act of 2009.

NOTE: Detail may not add to total because of rounding.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development: FY 2009–11.

Science and Engineering Indicators 2012